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PROCEEDINGS  
OF  
THE ROYAL SOCIETY.

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1835—1836.

No. 23.

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December 10, 1835.

FRANCIS BAILY, Esq., Vice-President and Treasurer, in  
the Chair.

The following communication from the President to the Fellows  
of the Royal Society was read :

“GENTLEMEN,

“At the opening of the Session I think it right to express my anxiety to come amongst you again ; and I therefore trust that I need not repeat that as soon as my present infirmity is removed you may be sure of my readiness to take the chair. In the mean time I hope that the Members will not relax in their endeavours to uphold the character of the Royal Society ; and I shall look with confidence to the attendance of the Vice-Presidents for the maintenance of that order and regularity so necessary to be observed at all literary and scientific meetings.

“Kensington Palace, Dec. 10, 1835.

“AUGUSTUS F., P.R.S.”

The following papers were read :

“Memoranda taken during the continuance of the *Aurora Borealis* of November 18, 1835.” By Charles C. Christie, Esq. Communicated by Samuel Hunter Christie, Esq., F.R.S.

The appearances described were seen from Deal, on the day mentioned in the title, from 9 to 20 minutes past 10 o'clock in the evening ; and consisted chiefly of a bright arch of light, of which the lower edge was sharply defined, surmounted on a dark cloud below, while the upper edge was shaded off into the cloudless and starlight sky, emitting large but faint luminous streaks, which issued upwards with great rapidity, exactly imitating flames agitated to and fro by a violent wind.

“Démonstration complète du Théorème dit de Fermat : par François Paulet, de Genève, ancien élève de l'Ecole Polytechnique.” Communicated by P. M. Roget, M.D., Sec. R.S.

The theorem of which the author professes to give, in this paper,